Amendments to the Claims

1. (Original)   A system, comprising:

a client configured to generate a first data stream comprising page description information, wherein said client comprises:

a first memory unit operable for installing font resources; and

a first processor coupled to said first memory unit;

a spool coupled to said client, wherein said spool is configured to store said first data stream;

a resource library configured to store font resources;

a print server coupled to said spool and said resource library, wherein said print server comprises:

a second memory unit operable for storing a printer driver configured to generate a second data stream; and

a second processor coupled to said first memory unit; and

a printer coupled to said print server, wherein said printer is configured to receive said second data stream generated from 'said print server; and

wherein said resource library comprises:

a table configured to map native names of font resources to file names, identifications and attributes associated with said font resources.

2. (Original)   The system as recited in claim 1, wherein said first processor, responsive to said first memory, comprises:

circuitry operable for receiving a character, wherein said character is a modified character in a first base font resource or is a character to be added to or deleted from said first base font resource;

circuitry operable for creating a font resource that comprises said character in a file;

circuitry operable for generating an identification associated with said created font resource;

circuitry operable for creating an entry in said table establishing said created font resource as a second base font resource; and

circuitry operable for storing a native name of said created font resource and its associated file name and said identification in said created entry.

3. (Original)   The system as recited in claim 2, wherein said first processor, responsive to said first memory, comprises:

circuitry operable for creating a link list in an entry in said table associated with said first base font resource to link said created font resource to said first base font resource;

circuitry operable for indicating in said entry in said table associated with said first base font resource to not reverse linking of said first base font resource to said created font resource if said character is a character to be added; and

circuitry operable for indicating in said entry in said table associated with said first base font resource to reverse linking of said first base font resource to said created font resource if said character is a character to be modified or deleted.

(Response to 7-19-2007 Office Action)

4. (Original)   The system as recited in claim 1, wherein said first processor, responsive to said first memory, comprises:

circuitry operable for installing a collection font resource, wherein said collection font resource comprises a stand alone font resource;

circuitry operable for generating an identification associated with said collection font resource;

circuitry operable for creating an entry in said table for said stand alone font resource; and

circuitry operable for storing in said created entry a native name of said stand alone font resource along with said identification and a file name of said collection font resource.

5. (Original)   The system as recited in claim 1, wherein said second processor, responsive to said second memory, comprises:

circuitry operable for receiving a native name identifying a font resource in said first data stream;

circuitry operable for searching said table for said received native name and its associated file name; and

circuitry operable for downloading a file referenced by said file name to said printer if said printer has not stored said file referenced by said file name.

6. (Original)   The system as recited in claim 1, wherein said first processor, responsive to said first memory, comprises:

circuitry operable for updating a font resource identified with a first identification, wherein said table comprises an entry storing a native name identifying said font resource and its associated said first identification;

circuitry operable for generating a second identification associated with said updated font resource; and

circuitry operable for editing said table by replacing said first identification . with said second identification.

(Response to 7-19-2007 Office Action)

7. (Original)   The system as recited in claim 1, wherein said second processor, responsive to said second memory, comprises:

circuitry operable for receiving a native name identifying a font resource in said first data stream;

circuitry operable for searching said table for said received native name and its associated identification;

circuitry operable for downloading a file referenced by said identification to said printer if said printer has not stored said file referenced by said identification.

8. (Original)   The system as recited in claim 1, wherein said second processor, responsive to said, second memory, comprises:

circuitry operable for receiving a character string and a native name identifying a font resource in said first data stream;

circuitry operable for searching said table for said received native name and its associated attributes, wherein said associated attributes indicate if said font resource is a private or a public resource;

circuitry operable for downloading and transmitting a file referenced by said file name to said printer;

circuitry operable for allowing said printer to capture said file if said resource is said public resource; and

circuitry operable for not allowing said printer to capture said file if said resource is said private resource.

(Response to 7-19-2007 Office Action)

9. (Original)   A method for managing font resources using system independent references comprising the steps of:

　　　　receiving a character, wherein said character is a modified character in a first base font resource or is a character to be added to or deleted from said first base font resource;

　　　　creating a font resource that comprises said character in a file;

　　　　generating an identification associated with said created font resource;

　　　　creating an entry in a table establishing said created font resource as a second base font resource; and

　　　　storing a native name of said created font resource and its associated file name and said identification in said created entry.

10. (Original) The method as recited in claim 9 further comprising the steps of:

　　　　creating a link list in an entry in said table associated with said fist base font resource to link said created font resource to said first base font resource;

　　　　indicating in said entry in said table associated with said first base font resource to not reverse linking of said first base font resource to said created font resource if said character is a character to be added; and

　　　　indicating in said entry in said table associated with said first base font resource to reverse linking of said first base font resource to said created font resource if said character is a character to be modified or deleted.

11. (Original) A method for managing font resources comprising the steps of:

　　　　updating a font resource identified with a first identification, wherein a table comprises an entry storing a native name identifying said font resource and its associated said first identification;

　　　　generating a second identification associated with said updated font resource; and

　　　　editing said table by replacing said first identification with said second identification.

12. (Original) A method for managing font resources using system independent references comprising the steps of:

receiving a character string and a native name identifying a font resource in a data stream;

searching a table for said received native name and its associated attributes,

wherein said associated attributes indicate if said font resource is a private or a public resource; and

downloading and transmitting a file referenced by said native name to a printer, wherein said printer is allowed to capture said file if said font resource is said public resource, wherein said printer is not allowed to capture said file if said font resource is said private resource.

13. (Original) A computer program product embodied in a machine readable medium for managing font resources using system independent references comprising the programming steps of:

receiving a character, wherein said character is a modified character in a first base font resource or is a character to be added to or deleted from said first base font resource;

creating a font resource that comprises said character in a file;

generating an identification associated with said created font resource;

creating an entry in a table establishing said created font resource as a second base font resource; and

storing a native name of said created font resource and its associated file name and said identification in said created entry.

(Response to 7-19-2007 Office Action)

14. (Original) The computer program product as recited in claim 13 further comprising the programming steps of:

creating a link list in an entry in said table associated with said first base font resource to link said created font resource to said first base font resource;

indicating in said entry in said table associated with said first base font resource to not reverse linking of said first base font resource to said created font resource if said character is a character to be added; and

indicating in said entry in said table associated with said first base font resource to reverse linking of said first base font resource to said created font resource if said character is a character to be modified or deleted.

(Response to 7-19-2007 Office Action)